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10/731,235

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Kazuto Yoneyama

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EXAMINER

GORTAYO, DANGELINO N

ART UNIT

PAPER NUMBER

2168

MAIL DATE

DELIVERY MODE

03/28/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/731,235

Applicant(s)

YONEYAMA, KAZUTO

Examiner

DANGELINO N. GORTAYO

Art Unit

2168

– The MAILING DATE of this communication appears on the cover sheet with the correspondence address –

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 January 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 6,7,11,12,14-20 and 23 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 6,7,11,12,14-20 and 23 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>2/12/2008</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 1/18/2008 has been entered.

Response to Amendment

2. In the supplemental amendment filed on 1/30/2008, claims 6, 11, 12, 16, 19 and 23 have been amended. The currently pending claims considered below are Claims 6, 7, 11, 12, 14-20 and 23.

Information Disclosure Statement

3. An initialed and dated copy of Applicant's IDS form 1449, filed 2/12/2008, is attached to the instant Office action.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

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(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 6-7, 11-12, 14-20, and 23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Debique et al. (US Patent 7,191,190 B2) in view of Bezos et al. (US Patent 7,082,407 B1)

As per claim 6, Debique teaches "a recording medium control module configured to read content identification information from a recording medium for identifying content of audiovisual information and locator information relating to the audiovisual information in the recording medium, the locator information relating to the audiovisual information for locating a provider of service information" (column 4 lines 53-63, column 5 lines 4-10, column 15 lines 52-55, and Object Types starting on column 10, wherein table of contents information and a disc identifier is read from a disc, as well as information to identify a server for metadata)

"a network control module configured to connect with the provider of service information based on the locator information" (column 5 line 62 – column 6 line 2, column 19 lines 50-62)

"a database control module configured to store content identification information relating to audiovisual information" (Figure 1 reference 128, column 5 lines 13-18, column 9 lines 12-30, wherein metadata is stored in a local metadata store relating to the media)

"a display device to display information" (Figure 8 reference 442, column 19 lines 27-33)

"a playback control module configured to output information to the display device"
(column 4 line 64 – column 5 line 4, column 18 lines 36-58)

"wherein the recording medium control module reads the locator information directly from the recording medium" (column 4 lines 53-63, column 5 lines 19-36, column 15 lines 53-55, wherein upon insertion of a recording medium into a disc drive, data is read directly from the recording medium and the disc is identified through a disc identifier by the metadata manager)

"wherein the network control module is configured to send to the provider associated with the locator information the content identification information and to send to the provider content identification information associated with the locator information which is already stored in the database control module, and to receive from the provider service information containing at least one of text information and audiovisual information corresponding to the content identification information" (column 5 line 62 – column 6 line 28, column 7 lines 36-65, column 16 lines 13-22, wherein a meta data manager in a client sends disc identifier to a server, then the server returns relevant metadata, the server known by the metadata stores)

"wherein the database control module is configured to compare the content identification information from the provider and the content identification in a management database, and to register the content identification information and the locator information in the management database if the content identification and the locator information have not been registered in the management database;" (column 15

lines 59-65, column 16 lines 2-22, wherein if the disc identifier is not in the database, the remote server is queried for metadata)

"wherein the network control module is configured to not download a content corresponding to the content identification information from the provider if the content identification information is already registered in the management database" (column 15 line 58 – column 16 line 2, wherein if the disc identifier is already in the database then metadata is not queried from the server)

Chung does not teach "wherein the playback control module controls the display device to output a list of titles relating to contents that the provider provides and controls the display device to output an icon when a user already owns the content".

However, Bezos teach "wherein the playback control module controls the display device to output a list of titles relating to contents that the provider provides and controls the display device to output an icon when a user already owns the content" (Figure 5 reference 82, Column 4 lines 57- 67, Column 9 lines 16-27, column 11 lines 12-28). Therefore it would have been obvious to one of ordinary skill in the art at the time of the invention to combine Chung's method of storing and receiving additional information about a piece of media with Bezos's teachings of searching and displaying a list of similar titles, and also display the previous purchases of a user and contact information of the community members that purchased the item been searched for, to indicate the item has been previously purchased (Column 9 lines 16-27). The motivation for doing so would be to provide related items to recommend to a user (column 1 lines 26-33).

As per claim 7, Debique teaches "further comprising a playback control module configured to output information to a display device to display information, wherein the playback control module generates distinction information distinguishing, from the service information received from the provider, between audiovisual information of content identification information not registered in the management database and audiovisual information registered in the management database, and outputs the distinction ' information to the display device" (column 7 lines 26-47, column 8 lines 38-49, column 16 lines 23-41)

As per claim 11, Debique teaches "a network control module configured to send content identification information identifying content of audiovisual information of a recording medium to a provider of service information which is associated with locator information in the recording medium relating to the audiovisual information of the recording medium," (column 4 lines 53-63, column 5 lines 4-10, column 15 lines 52-55, and Object Types starting on column 10, wherein table of contents information and a disc identifier is read from a disc, as well as information to identify a server for metadata)

"and to receive from the provider service information containing audiovisual information corresponding to the content identification information" (column 5 line 62 – column 6 line 2, column 19 lines 50-62)

"a database control module configured to store content identification information relating to audiovisual information" (Figure 1 reference 128, column 5 lines 13-18,

column 9 lines 12-30, wherein metadata is stored in a local metadata store relating to the media)

"a display device to display information" (Figure 8 reference 442, column 19 lines 27-33)

"a playback control module configured to output information to a display device to display information, wherein the playback control module generates distinction information distinguishing, from the service information received from the provider, between audiovisual information of content identification information not registered in the management database and audiovisual information registered in the management database, and outputs the distinction information to the display device" (column 4 line 64 – column 5 line 4, column 5 line 62 – column 6 line 28, column 16 lines 13-22, column 18 lines 36-58, wherein a meta data manager in a client sends disc identifier to a server, then the server returns relevant metadata)

"wherein the network control module is configured to send to the provider of service information content identification information associated with the locator information which is already stored in the database control module;" (column 5 line 62 – column 6 line 2, column 7 lines 36-65, wherein servers are contacted by metadata managers based on disc identifiers)

"wherein the recording medium control module reads the locator information directly from the recording medium" (column 4 lines 53-63, column 5 lines 19-36, column 15 lines 53-55, wherein upon insertion of a recording medium into a disc drive,

data is read directly from the recording medium and the disc is identified through a disc identifier by the metadata manager)

"wherein the database control module is configured to compare the content identification information from the provider and the content identification in a management database, and to register the content identification information and the locator information in the management database if the content identification and the locator information have not been registered in the database control module" (column 15 lines 59-65, column 16 lines 2-22, wherein if the disc identifier is not in the database, the remote server is queried for metadata)

"wherein the network control module is configured to not download a content corresponding to the content identification information from the provider if the content identification information is already registered in the management database;" (column 15 line 58 – column 16 line 2, wherein if the disc identifier is already in the database then metadata is not queried from the server)

Chung does not teach "wherein the playback control module controls the display device to output a list of titles relating to contents that the provider provides and controls the display device to output an icon when a user already owns the content".

However, Bezos teach "wherein the playback control module controls the display device to. output a list of titles relating to contents that the provider provides and controls the display device to output an icon when a user already owns the content" (Figure 5 reference 82, Column 4 lines 57- 67, Column 9 lines 16-27, column 11 lines 12-28). Therefore it would have been obvious to one of ordinary skill in the art at the

time of the invention to combine Chung's method of storing and receiving additional information about a piece of media with Bezos's teachings of searching and displaying a list of similar titles, and also display the previous purchases of a user and contact information of the community members that purchased the item been searched for, to indicate the item has been previously purchased (Column 9 lines 16-27). The motivation for doing so would be to provide related items to recommend to a user (column 1 lines 26-33).

As per claim 12, Debique teaches ""a network control module configured to send content identification information identifying content of audiovisual information of a recording medium to a provider of service information which is associated with locator information in the recording medium relating to the audiovisual information of the recording medium, and to receive from the provider service information containing audiovisual information corresponding to the content identification information" (column 4 lines 53-63, column 5 lines 4-10, column 15 lines 52-55, and Object Types starting on column 10, wherein table of contents information and a disc identifier is read from a disc, as well as information to identify a server for metadata)

"a database control module configured to store content identification information relating to audiovisual information" (Figure 1 reference 128, column 5 lines 13-18, column 9 lines 12-30, wherein metadata is stored in a local metadata store relating to the media)

"a display device to display information" (Figure 8 reference 442, column 19 lines 27-33)

"a playback control module configured to output information to a display device to display information, wherein the playback control module generates distinction information distinguishing, from the service information received from the provider, between audiovisual information of content identification information not registered in the management database and audiovisual information registered in the management database, and outputs the distinction information to the display device" (column 4 line 64 – column 5 line 4, column 5 line 62 – column 6 line 28, column 16 lines 13-22, column 18 lines 36-58, wherein a meta data manager in a client sends disc identifier to a server, then the server returns relevant metadata)

"wherein the network control module is configured to send to the provider of service information content identification information associated with the locator information which is already stored in the database control module;" (column 5 line 62 – column 6 line 2, column 7 lines 36-65, wherein servers are contacted by metadata managers based on disc identifiers)

"wherein the recording medium control module reads the locator information directly from the recording medium" (column 4 lines 53-63, column 5 lines 19-36, column 15 lines 53-55, wherein upon insertion of a recording medium into a disc drive, data is read directly from the recording medium and the disc is identified through a disc identifier by the metadata manager)

"a system control module is configured to determine whether the service information to be acquired has already been received previously, and to not acquire the service information if the service information has previously been received" (column 15 lines 59-65, column 16 lines 2-22, wherein if the disc identifier is not in the database, the remote server is queried for metadata)

"wherein the network control module is configured to not download a content corresponding to the content identification information from the provider if the content identification information is already registered in the management database;" (column 15 line 58 – column 16 line 2, wherein if the disc identifier is already in the database then metadata is not queried from the server)

Chung does not teach "wherein the playback control module controls the display device to output a list of titles relating to contents that the provider provides and controls the display device to output an icon when a user already owns the content".

However, Bezos teach "wherein the playback control module controls the display device to output a list of titles relating to contents that the provider provides and controls the display device to output an icon when a user already owns the content" (Figure 5 reference 82, Column 4 lines 57- 67, Column 9 lines 16-27, column 11 lines 12-28). Therefore it would have been obvious to one of ordinary skill in the art at the time of the invention to combine Chung's method of storing and receiving additional information about a piece of media with Bezos's teachings of searching and displaying a list of similar titles, and also display the previous purchases of a user and contact information of the community members that purchased the item been searched for, to indicate the

item has been previously purchased (Column 9 lines 16-27). The motivation for doing so would be to provide related items to recommend to a user (column 1 lines 26-33).

As per claim 14, Debique teaches “sending to the provider associated with the locator information the content identification information.” (column 5 line 62 – column 6 line 28, column 16 lines 13-22)

As per claim 15, Debique teaches “storing content identification information relating to audiovisual information in a playback device.” (Figure 1 reference 128, column 5 lines 13-18, column 9 lines 12-30)

As per claim 16, Debique teaches “reading content identification information from a recording medium for identifying content of audiovisual information and locator information relating to the audiovisual information in the recording medium, the locator information relating to the audiovisual information for locating a provider of service information” (column 4 lines 53-63, column 5 lines 4-10, column 15 lines 52-55, and Object Types starting on column 10, wherein table of contents information and a disc identifier is read from a disc, as well as information to identify a server for metadata)

“wherein the locator information is read directly from the recording medium;” (column 4 lines 53-63, column 5 lines 19-36, column 15 lines 53-55, wherein upon insertion of a recording medium into a disc drive, data is read directly from the recording medium and the disc is identified through a disc identifier by the metadata manager)

"connecting with the provider of service information based on the locator information" (column 5 line 62 – column 6 line 2, column 19 lines 50-62)

"comparing the content identification information from the provider and the content identification in a management database," (column 5 line 62 – column 6 line 28, column 15 lines 58-65, wherein a meta data manager searches for the disc identifier in the database)

"sending content identification information associated with the locator information which is already stored in the management database;" (column 5 line 62 – column 6 line 2, column 7 lines 36-65, wherein servers are contacted by metadata managers based on disc identifiers)

"registering the content identification information and the locator information in the management database if the content identification and the locator information have not been registered in the management database" (column 15 lines 59-65, column 16 lines 2-22, wherein if the disc identifier is not in the database, the remote server is queried for metadata)

"and not registering the content identification information from the provider if the content identification information is already registered in the management database;" (column 15 line 58 – column 16 line 2, wherein if the disc identifier is already in the database then metadata is not queried from the server)

Chung does not teach "outputting a list of titles relating to content that the provider provides; outputting an icon when a user already owns the content"

However, Bezos teach "outputting a list of titles relating to content that the provider provides; outputting an icon when a user already owns the content" (Figure 5 reference 82, Column 4 lines 57- 67, Column 9 lines 16-27, column 11 lines 12-28). Therefore it would have been obvious to one of ordinary skill in the art at the time of the invention to combine Chung's method of storing and receiving additional information about a piece of media with Bezos's teachings of searching and displaying a list of similar titles, and also display the previous purchases of a user and contact information of the community members that purchased the item been searched for, to indicate the item has been previously purchased (Column 9 lines 16-27). The motivation for doing so would be to provide related items to recommend to a user (column 1 lines 26-33).

As per claim 17, Debique teaches "receiving from the provider service information containing at least one of text information and audiovisual information corresponding to the content identification information." (column 16 lines 13-22)

As per claim 18, Debique teaches "displaying distinction information distinguishing, from the service information received from the provider, between audiovisual information of content identification information not registered in the management database and audiovisual information registered in the management database." (column 7 lines 26-47, column 8 lines 38-49, column 16 lines 23-41)

As per claim 19, Debique teaches ""reading content identification information from a recording medium for identifying content of audiovisual information and locator

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information relating to the audiovisual information in the recording medium, the locator information relating to the audiovisual information for locating a provider of service information" (column 4 lines 53-63, column 5 lines 4-10, column 15 lines 52-55, and Object Types starting on column 10, wherein table of contents information and a disc identifier is read from a disc, as well as information to identify a server for metadata)

"wherein the locator information is read directly from the recording medium;" (column 4 lines 53-63, column 5 lines 19-36, column 15 lines 53-55, wherein upon insertion of a recording medium into a disc drive, data is read directly from the recording medium and the disc is identified through a disc identifier by the metadata manager)

"connecting with the provider of service information based on the locator information" (column 5 line 62 – column 6 line 2, column 19 lines 50-62)

"comparing the content identification information from the provider and the content identification in a management database" (column 5 line 62 – column 6 line 28, column 15 lines 58-65, wherein a meta data manager searches for the disc identifier in the database)

"determining whether there is a request to acquire service information based on the locator information" (column 5 line 62 – column 6 line 28)

"sending content identification information associated with the locator information which is already stored in the management database;" (column 5 line 62 – column 6 line 2, column 7 lines 36-65, wherein servers are contacted by metadata managers based on disc identifiers)

"registering the content identification information and the locator information in the management database if the content identification information and the locator information have not been registered previously," (column 15 lines 59-65, column 16 lines 2-22, wherein if the disc identifier is not in the database, the remote server is queried for metadata)

"and not registering the content identification information from the provider if the content identification information is already registered in the management database;" (column 15 line 58 – column 16 line 2, wherein if the disc identifier is already in the database then metadata is not queried from the server)

Chung does not teach "outputting a list of titles relating to content that the provider provides; outputting an icon when a user already owns the content" However, Bezos teach "outputting a list of titles relating to content that the provider provides; outputting an icon when a user already owns the content" (Figure 5 reference 82, Column 4 lines 57- 67, Column 9 lines 16-27, column 11 lines 12-28). Therefore it would have been obvious to one of ordinary skill in the art at the time of the invention to combine Chung's method of storing and receiving additional information about a piece of media with Bezos's teachings of searching and displaying a list of similar titles, and also display the previous purchases of a user and contact information of the community members that purchased the item been searched for, to indicate the item has been previously purchased (Column 9 lines 16-27). The motivation for doing so would be to provide related items to recommend to a user (column 1 lines 26-33).

As per claim 20, Debique teaches "determining whether the service information to be acquired has already been received previously, and to not acquire the service information if the service information has previously been received." (column 15 line 58 – column 16 line 22)

As per claim 23, Debique teaches "means for reading content identification information from a recording medium for identifying content of audiovisual information and locator information relating to the audiovisual information in the recording medium, the locator information relating to the audiovisual information for locating a provider of service information" (column 4 lines 53-63, column 5 lines 4-10, column 15 lines 52-55, and Object Types starting on column 10, wherein table of contents information and a disc identifier is read from a disc, as well as information to identify a server for metadata)

"wherein the locator information is read directly from the recording medium;" (column 4 lines 53-63, column 5 lines 19-36, column 15 lines 53-55, wherein upon insertion of a recording medium into a disc drive, data is read directly from the recording medium and the disc is identified through a disc identifier by the metadata manager)

"means for connecting with the provider of service information based on the locator information" (column 5 line 62 – column 6 line 2, column 19 lines 50-62)

"means for storing content identification information relating to audiovisual information" (Figure 1 reference 128, column 5 lines 13-18, column 9 lines 12-30, wherein metadata is stored in a local metadata store relating to the media)

"means for sending content identification information associated with the locator information which is already stored in the management database;" (column 5 line 62 – column 6 line 2, column 7 lines 36-65, wherein servers are contacted by metadata managers based on disc identifiers)

"means for determining whether there is a request to acquire service information from the provider based on the locator information" (column 5 line 62 – column 6 line 28, column 16 lines 13-22, wherein a meta data manager in a client sends disc identifier to a server, then the server returns relevant metadata)

"means for displaying information" (Figure 8 reference 442, column 19 lines 27-33)

"means for controlling playback configured to output information to means for displaying information" (column 4 line 64 – column 5 line 4, column 18 lines 36-58)

"means for registering the content identification information and the locator information in the management database if the content identification information and the locator information have not been registered previously," (column 15 lines 59-65, column 16 lines 2-22, wherein if the disc identifier is not in the database, the remote server is queried for metadata)

"and not registering the content identification information from the provider if the content identification information is already registered in the management database;" (column 15 line 58 – column 16 line 2, wherein if the disc identifier is already in the database then metadata is not queried from the server)

Chung does not teach "means for controlling playback configured to control the means for displaying so as to output a list of titles relating to contents that the provider provides and configured to control the means displaying to output an icon when a user already owns the content"

However, Bezos teaches "means for controlling playback configured to control the means for displaying so as to output a list of titles relating to contents that the provider provides and configured to control the means displaying to output an icon when a user already owns the content" (Figure 5 reference 82, Column 4 lines 57- 67, Column 9 lines 16-27, column 11 lines 12-28). Therefore it would have been obvious to one of ordinary skill in the art at the time of the invention to combine Chung's method of storing and receiving additional information about a piece of media with Bezos's teachings of searching and displaying a list of similar titles, and also display the previous purchases of a user and contact information of the community members that purchased the item been searched for, to indicate the item has been previously purchased (Column 9 lines 16-27). The motivation for doing so would be to provide related items to recommend to a user (column 1 lines 26-33).

Response to Arguments

6. Applicant's arguments, see page 9 of the applicant arguments filed 1/18/2008, and page 9 of the supplemental response filed 1/30/2008, with respect to the rejection of claims 6, 7, 11, 12, 14-20 and 23 in regards to 35 USC 103(a) have been fully considered but they are not persuasive.

- a. Examiner is entitled to give claim limitations their broadest reasonable interpretation in light of the specification. See MPEP 2111 [R-I]

Interpretation of Claims-Broadest Reasonable Interpretation

During patent examination, the pending claims must be 'given the broadest reasonable interpretation consistent with the specification.' Applicant always has the opportunity to amend the claims during prosecution and broad interpretation by the examiner reduces the possibility that the claim, once issued, will be interpreted more broadly than is justified. In re Prater, 162 USPQ 541,550-51 (CCPA 1969).

- b. Applicant's arguments, filed 1/18/2008, is stated as Debique does not disclose "the recording medium control module reads the locator information directly from the recording medium".

In regards to the argument, examiner respectfully disagrees. As cited in the above rejection, Debique in column 4 lines 53-63 and column 5 lines 19-36 teach that metadata manager contains information regarding recording mediums that are inserted into the disc drive, and that the recording medium directly contains data identifying its contents. The metadata from the particular removable media contains information to identify servers containing more metadata, in a disc-centric point of view. This means that metadata information and disc identifier information is particular in a per-disc basis. Additionally, column 15 lines 53-55 is a specific example of a disc being inserted into a computer and being scanned to identify its disc identifier, used to identify the disc

to access servers. Since the disc identifier is directly read from a disc, Debique teaches that the recording medium control module reads the locator information directly from the recording medium.

c. Applicant's arguments, filed 1/30/2008, is stated as Debique does not disclose "send to the provider content identification information associated with the locator information which is already stored in the database control module".

In regards to the argument, examiner respectfully disagrees. As cited in the above rejection, Debique in column 5 line 62 – column 6 line 2 and column 7 lines 36-65 teach that metadata manager already knows the servers that provide more metadata for specific discs inserted into the system. The servers are contacted by metadata managers based on the disc identifiers. Furthermore, the database contains object tables containing an ID field that is used to identify objects stored in the database. Column 4 lines 59-63 also disclose that metadata manager stores metadata locally, for use by a content player application, after a recording medium is inserted into the disc drive. It can be seen that the metadata manager, interpreted as the database control module of the instant application, contains the disc identifier read from data in a particular recording medium, and utilizes the disc identifier to communicate with servers. Therefore, Debique teaches send to the provider content identification information associated with the locator information which is already stored in the database control module.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DANGELINO N. GORTAYO whose telephone number is (571)272-7204. The examiner can normally be reached on M-F 7:30-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tim T. Vo can be reached on (571)272-3642. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Tim T. Vo/
Supervisory Patent Examiner, Art
Unit 2168

Dangelino N. Gortayo
Examiner

Tim T. Vo
SPE

/D. M. L./
Primary Examiner, Art Unit 2168

Application/Control Number: 10/731,235
Art Unit: 2168

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/731,235		
		Filing Date	December 8, 2003		
		First Named Inventor	Kazuto Yoneyama		
		Art Unit	2168		
		Examiner Name	D. N. Gortayo		
Sheet	1	of	1	Attorney Docket Number	16869P-097700US

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures	† ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
/DG/	1	PCT	WO01/71708	A1	09-27-2001	Sanyo Electric Co.		abstract only
/DG/	2	PCT	WO01/15164	A1	03-01-2001	Sony Corp.		abstract only
/DG/	3	JP	2003-150632	A	05-23-2003	Matsushita Electric		abstract only
/DG/	4	JP	11-313283	A	11-09-1999	NEC IC		abstract only

Examiner Signature	/Dangelino Gortayo/	Date Considered	03/24/2008
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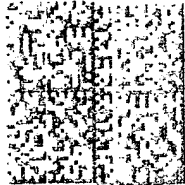
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